

In response to the request for comments on the Broadband over Powerline issue, I would like to strongly urge the FCC to do its duty to protect the radio spectrum. In its present state, BPL will virtually wipe out the radio spectrum between 1.5 and 80 MHz. This will imperil communications on these frequencies, not just between amateur service operators, but between others such as land mobile, maritime, civil service, fire, police, rescue, air to ground, military, and many others.

More than enough evidence has been presented thanks to the work of the ARRL that should cast serious doubts on the Power Industry's inability to keep harmful interference out of the radio spectrum.

Today, the power companies have a hard time just keeping a relative handful of transformers and other equipment from causing harmful interference to amateur operators and other licensed services. Just imagine how difficult it will be for them to guarantee that there will be no interference from millions of miles of powerline, which act as very efficient antennas.

With that in mind, I would like to submit the following:

A: it has been proven that in areas where BPL is being field tested, the interference on the HF frequencies is as high as 40-60 over S9 within a few hundred feet, and can maintain a strengths of S5-S8 at distances of up to a mile or more from a major line!

B: Amateur radio is a licensed service, and thus afforded the protections from interference by the FCC.

C: Amateur radio is a recognized public service by the Dept. of Homeland Security, and is thus considered to be beneficial and of significant importance to the security and safety of Americans both here and abroad.

D: As witnessed this past weekend, the power industry can not even maintain the powergrid to supply power, let alone maintain aging infrastructure to provide a broadband transmission service that said infrastructure was NEVER designed to handle or provide.

Please consider all the comments carefully. I Urge you to NOT provide for licensing of BPL, NOR should you change or amend Part 15 to increase the amount of acceptable interference that is allowed from unlicensed devices.